

Chadderton Urban District Council.

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

△. 1898. △

GEORGE TAYLOR,

CLERK TO THE COUNCIL.

TOWN HALL, CHADDERTON,

MARCH, 1899.

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CHADDERTON URBAN DISTRICT COUNCIL.

Area in statute acres	3,080.
Population (Census) 1891	22,087
Population (estimated) 1898	..	..	..	..	..	..	25,500
Births Registered { Males 350 during 1898. { Females 338 }	Total	..	..	..	..	..	688
Deaths Registered { Males 220 { Females 219 }	Total	..	..	..	..	..	439
Birth Rate	..	..	..	..	..	..	27'0
Death Rate	..	..	..	..	..	..	17'7
Infantile Death Rate..	..	..	..	..	..	..	180'2
Zymotic Death Rate	..	..	..	..	..	..	2'2

MEDICAL OFFICER'S ANNUAL REPORT



To the Chairman and Members of the Chadderton Urban
District Council.

GENTLEMEN,

During the year 1898 439 deaths were registered in Chadderton—220 males and 219 females; and 13 Chadderton persons died in the Union Workhouse.

The death rate (corrected) was 17·7 per thousand of the population, estimated at 25,500.

The death rates for the preceding five years were 18·7, 19, 19·1, 18·7, 18·6.

The number of births registered in the year was—350 boys, 338 girls; total 688. The number of births which had decreased 53 in 1897, increased again by 20. The birth rate equals 27 per thousand of the population.

The natural increase of population by excess of births over deaths was 236.

There were 124 deaths of infants under one year of age.

For every one thousand children born 180·2 died during their first year.

The causes of death of infants under one year were as follows :—

Principal Zymotic diseases	.. .. .	4
Wasting diseases	.. .. .	10
Diseases of Nervous System (including Convulsions)		21
Diarrhœal diseases	.. .. .	16
Respiratory diseases	.. .. .	23
Other diseases	.. .. .	50

The following table gives the causes of death at all ages :—

Zymotic diseases	34
Diarrhœa (including gastro-intestinal catarrh, gastro-enteritis, &c.)	29
Phthisis	24
Other Scrofulous diseases	10
Cancer	14
Respiratory diseases (Bronchitis, Pneumonia, and Pleurisy)	94
Heart disease	34
Diseases of Nervous System	60
„ Digestive „	30
„ Urinary „	9
Parturition	4
Deaths by violence	13
All other diseases and old age	84
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Total	439

The deaths from the seven principal zymotics during the last five years were as follows:—

	1894	1895	1896	1897	1898
Smallpox	0	3	0	0	0
Scarlet Fever	2	1	11	1	3
Diphtheria	2	6	2	2	1
Typhoid Fever	5	1	0	3	5
Measles	19	6	11	18	13
Whooping Cough	14	12	19	10	7
Diarrhœa	4	13	9	23	29
Total	46	42	52	57	58
Zymotic Death Rate	1·9	1·7	2·1	2·2	2·2

REPORTS OF INFECTION.

The following table gives the infectious cases reported to the Medical Officer during the last five years :—

	1894	1895	1896	1897	1898
Small Pox	14	13	2	0	0
Scarlet Fever	61	32	172	55	34
Diphtheria	4	15	21	17	6
Typhoid Fever	25	6	5	17	29
Total	104	66	200	89	69

The cases were distributed as follows :—

	North Ward.	Central Ward.	South Ward.	Total.
Typhoid Fever	6	18	5	29
Scarlet Fever	9	13	12	34
Diphtheria	3	1	2	6
Total	18	32	19	69

The cases of infection occurred in the three wards of the township almost in proportion to the number of inhabitants, Central Ward getting more than its share owing to two outbreaks of Typhoid Fever.

As will be seen by the first table the number of cases of Scarlet Fever has again diminished.

The same remark applies to Diphtheria.

Three cases of Scarlet Fever occurred in one house, and three in another house, owing to the impossibility of obtaining proper isolation in cottage houses.

An outbreak of Typhoid Fever in a house in Block Lane necessitated the removal of the whole of the cases—five in number—to the Westhulme Hospital, where one died, the rest being discharged cured.

Two cases in the same house in Chadderton Fold were also removed to Hospital by the Guardians. Most of the cases of Typhoid Fever, but not all, occurred in old property. All infected houses were visited frequently, and any defects in drainage or cleanliness were remedied. One of the cases of Typhoid gave rise after an interval of several weeks to six other cases, one in the same house, four next door (the mother having nursed the first patient caught the disease and died), and a brother of the first case who resided in another town.

There was a rather widespread epidemic of Measles in the months of February and March, affecting principally North Ward. The Schools in North Ward and one in Central Ward (Middleton Junction) were closed for three or four weeks till the epidemic had subsided. In the previous summer and autumn the South Ward had been most affected.

Summer Diarrhoea caused, as usual, a large number of deaths in the autumn, many of them being of infants under one year of age.

We had no cases of Smallpox last year, but a man removed from this district into Oldham, and having consulted a doctor there, was the next day discovered to have Smallpox. The house he had vacated was disinfected on receiving this information from the Oldham Sanitary Authorities.

I hope that the increased facilities for good and efficient Vaccination with Glycerinated Calf Lymph afforded by the new Vaccination Act will lead to a considerable increase in the number of vaccinations in this and other districts. It is almost unnecessary for me to say that I have the most complete faith in vaccination and re-vaccination as a preventative of Smallpox, and that the experience gained whilst attending

patients at Cinder Hill has only confirmed me in that belief. The use of calf lymph does away with any risk of conveying disease, such as blood poisoning, to the person vaccinated.

Thirty-six or more cases of Food Poisoning occurred in this district last August, causing three deaths. The source of the poison was in all cases the same—veal pies baked at a confectioner's shop. I made a full enquiry into all the cases and presented a special report on the subject to the Sanitary Committee.

Arrangements were made last year with Professor DELEPINE, of Owen's College, for the Bacteriological diagnosis of doubtful cases of Diphtheria and Typhoid Fever. This has been taken advantage of in a number of cases, and will, I think, prove a useful addition to our means of coping with these two diseases.

HOUSE TO HOUSE VISITATION.—A house to house visitation of various parts of the district was made during the year, resulting in various sanitary improvements, and in the closing of four houses which were certified to be unfit for human habitation. Five cellar dwellings were also closed for the same reason.

SEWERAGE OF THE DISTRICT.—A number of streets were placed on the list for Sewering and Paving. The new Sewage Works at Slacks Valley, for the treatment of sewage by the International system, were opened on 17th September, 1898. They are at present treating about half-a-million gallons of sewage daily, and turning out a very good effluent.

I am,

Yours obediently,

H. ASHTON,

MEDICAL OFFICER OF HEALTH.

LANCASHIRE COUNTY COUNCIL.

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS,

Coming to the knowledge of the Medical Officer of Health, during the year 1898, in the Urban Sanitary District of CHADDERTON, classified according to Diseases, Ages and Localities.

Localities.	Population at all ages.		Registered Births.			Aged under 5 or over 5.	New Cases of Sickness in each Locality.					No. of Cases re- moved to Hospital.	
	Census 1891.	Estimated to middle of 1898.	Males.	Females.	Total.		Smallpox.	Scarlatina.	Diphtheria.	FEVERS.			
										Enteric or Typhoid.	Puerperal.		
Chadderton	22,087	25,500	350	338	688	{ Under 5 .. 5 upwards..	..	11	5	1	1	1	1
Cinder Hill Hospital.....	..	..	..	..	..	{ Under 5 .. 5 upwards..	..	..	..	..	..	..	..
Total						{ Under 5 .. 5 upwards..	..	11	5	1	1	1	1
						{ Under 5 .. 5 upwards..	..	23	1	26	..	..	6

LANCASHIRE COUNTY COUNCIL.

TABLE OF DEATHS during the year 1898, in the Urban Sanitary District of Chadderton,
Classified according to Diseases, Ages and Localities.

Mortality from all causes at subjoined ages.							Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of Age.																		
Localities.	At all ages.	Under 1 year.	1 and under 3.	3 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Aged under 5 or over 5.	Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Enteric or Typhoid.	Rheumatic Fever.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Influenza.	Phtthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.	Total.	
Chadderton.	439	124	66	20	24	141	64	{ Under 5 .. 5 upwards	..	3	1	..	..	..	4	13	7	18	..	24	41	3	1	103	190
Cinder Hill Hospital..	..	..	..	..	..	..	..		{ Under 5 .. 5 upwards	..	..	..	..	..	..	..	..	..	..	..	53	31	12	103	249
Totals....	439	124	66	20	24	141	64	{ Under 5 .. 5 upwards	..	3	1	..	..	..	4	13	7	18	..	24	41	3	1	103	190
									..	..	..	..	5	4	..	..	..	11	5	53	31	12	103	249	

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

	13	..	..	..	..	9	4	5 upwards.	
Deaths occurring outside the district among persons belonging thereto.	13	..	..	..	..	9	4	5 upwards.	In Oldham Union Workhouse
Deaths occurring within the district among persons not belonging thereto.	..	..	..	..	..	..	..	Under 5 ..	In Cinder Hill Hospital.....

